



Instructions for use and care of ZF 90/23 refrigerator / freezer with « wine cellar »

Installation

Foreword

If you are discarding an older appliance with a spring lock please ensure that the lock is made unusable to avoid accidents to young children.

Electricity Supply

The appliance is for operation on a 220/240 V. 50 Hz supply, so be sure that your electricity supply voltage is within the range marked on the nameplate located inside the cabinet.

Earthing

WARNING: THIS APPLIANCE MUST BE EARTHED. The manufacturer declines any liability should this safety measure not be observed.

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off and the appropriate plug fitted.
The cut off plug should be disposed of to prevent the hazard of electric shocks in case it should be plugged into a 13 Amp socket in another part of your home.

Electrical connection

IMPORTANT:

The wires in this mains lead are coloured in accordance with the following code:

GREEN AND YELLOW - EARTH
BLUE - NEUTRAL
BROWN - LIVE

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug, this is what you have to do:

Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth symbol \equiv , or coloured green, or green and yellow.

Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.
Connect the brown (live) wire to the terminal which is marked with the letter «L» or coloured red.

The plug moulded on to the cord incorporates a fuse. For replacement use a 13 Amp BS 1362 fuse. Only ASTA approved fuses should be used.

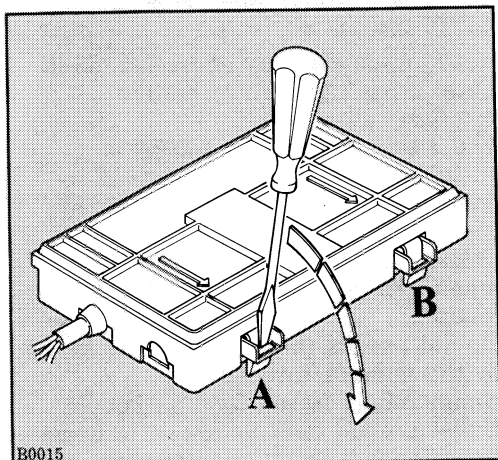
The fuse cover/carrier must be replaced in the event of changing fuse. The right fuse cover/carrier colour is the one shown by the coloured insert at the base of the plug or is the colour of the inscription at the base of the plug. The plug must not be used if the fuse cover/carrier is lost.

A replacement cover/carrier must be obtained from Zanussi Service Agents whose addresses are listed on the attached «Zanussi Service and Spares Nationwide».

This appliance complies with E.E.C. directive No. 82/499 of 7.6.82 relative to radio interference suppression.

Some models have the main terminal board of the type shown in Fig. 1.

To gain access to the terminals of the supply cable, remove the lid from the terminal board by releasing the two catches «A» and «B» Fig. 1 with the aid of a small blade screwdriver.



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Fig. 1

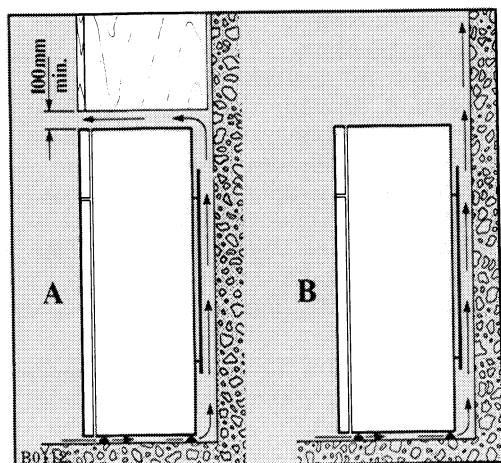
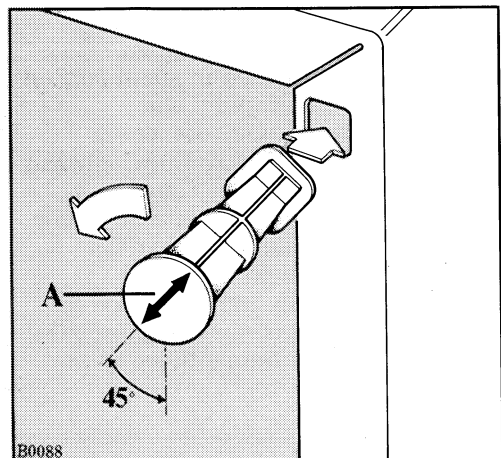


Fig. 2



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Fig. 3

Location

Place the appliance away from all heat sources, such as: radiators, heating stoves, direct sunlight, etc. Best results are obtained with a room temperature ranging between $+16^{\circ}\text{C}$ and $+32^{\circ}\text{C}$ (for «class N» appliances).

Make sure that there is nothing at the back, at the top and at the bottom of the appliance to obstruct air circulation.

For a more efficient operation of the appliance, the minimum distance between its top and other overhanging kitchen furniture, if any, should be at least 100 mm (see Fig. 2-A). However, the best solution would be that shown in Fig. 2-B, with no overhanging furniture.

Two adjustable feet at the cabinet base make it possible to accurately level the appliance.

Rear spacers

In the plastic envelope containing the Operating Instructions are also included two wall spacers to be fitted into the special openings provided on the back of the appliance.

Push-fit the spacers into the openings, making sure that arrow «A» is positioned as per Fig. 3 and then turn them through 45° until they lock in (arrow in vertical position).

Before using

Remove all securing tapes. Wash inside the appliance with lukewarm water and a little bicarbonate of soda (one teaspoonful to one quart of water). Do not use soap or detergent as the smell might linger. Dry thoroughly.

Operation

Refrigerator/Freezer-Starting-up and Temperature Regulation

Insert the plug into the wall socket. Open the refrigerator door and turn the thermostat knob, to be found on the upper right side of the inner liner, clockwise, beyond the «●» position, to start the appliance.

Temperature adjustment is obtained by turning the thermostat knob to the required setting. A medium setting is generally the most suitable.



However, the thermostat knob setting should be adjusted depending on the temperature required inside the appliance. This, in turn, depends on a number of factors such as the ambient temperature, the number of times the door is opened, the quantity of food stored and the location of the appliance.

Turn the knob clockwise, to higher numbers, to obtain a lower temperature, or anticlockwise if a higher temperature is required.

Freezing fresh food

Net storage capacity of freezer: 65 lt.

Total gross capacity, of both compartments: 320 lt.

The 4-star compartment  is suitable for long term storage of commercially frozen food marked by the symbol  (i.e. for 3 months, unless otherwise stated by the manufacturer), and for freezing fresh food.

Do not exceed the storage times shown by the manufacturer on the commercially frozen food packets.

Under normal circumstances, to freeze fresh foods it is not necessary to change the setting of the thermostat knob with respect to the normal running position.

However, for a quicker freezing operation, turn the thermostat knob to the coldest setting, but remember that, in this condition, the refrigerating compartment temperature might drop below 0°C. If this occurs reset thermostat knob to a warmer setting. To help you make the most of the freezing process, here are some important hints:

Place the food to be frozen in the grille of the freezing compartment as this is the coldest part.

The maximum quantity of food which can be frozen in 24 hrs is 4 kg.

Only freeze top quality, fresh and thoroughly cleaned foodstuffs.

Prepare the fresh food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required at the time.

Wrap up the food in aluminium foil or polythene and make sure that the packages are airtight.

Do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter.

Important:

Do not put carbonated liquids (fizzy drinks, etc.) in the freezing compartment as they may burst. Water ices, if consumed immediately after removal from the freezing compartment, can possibly cause the skin to be freeze burnt. Remember that, once thawed, frozen food deteriorates rapidly.

Thawing

Deep-frozen or frozen food, prior to being used, can be thawed in the refrigerator compartment or at room temperature, depending on the time available for this operation. Small pieces may even be cooked still frozen, directly from the freezer: in this case, cooking will take longer.

Storage of frozen food

To obtain the best performance from this appliance, we strongly recommend that you make sure that the commercially frozen foodstuffs were adequately stored by the retailer and, furthermore, be sure that these frozen foodstuffs are transferred from the foodstore to the consumer in the shortest possible time (a temperature increase of the frozen food could shorten its storage period). It is also advisable not to exceed the storage period indicated by the producer of the food. Finally, do not open the door frequently or leave it open longer than is absolutely necessary. If there is a power failure when food is in the freezer, do not open the door of the freezing compartment. The frozen food will not be affected if the power cut is of short duration (a temperature increase of the frozen food could shorten its safe storage period), otherwise, it is recommended that the food should be used within a very short time.

Fresh food refrigeration

To obtain the best performance, do not store warm food or evaporating liquids in the refrigerator; do cover or wrap the food, particularly if it has a strong flavour.

Do not cover the shelves with any protective material, such as paper, cardboard or plastic, which may obstruct the air circulation through them.

To help you use your refrigerator correctly, here are some more useful hints:

Raw meat (beef, pork, lamb & wild fowl): wrap in polythene bags and place on top of the salad crisper and, for safety, only store in this way for one or two days at the most.

Fruit & vegetables: these should be thoroughly cleaned and placed in the bottom salad crisper.

Butter & cheese: these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.

Milk bottles: these should have a cap and should be stored in the bottle rack on the door.

The inner walls of the refrigerator compartment incorporate a number of shelf-carrying runners which allow the shelves to be placed at various levels (Fig. 4).

Drink-chiller

(For model incorporating this feature)

The drink-chiller, which is located on the inner door of the refrigerator compartment, can easily be removed from its runners for filling up.

To draw out the drink, push the glass against the arms of the special dispenser tap. When the glass is removed, the tap closes automatically. To clean the drink-chiller, fill with hot water, let it cool and rinse a few times. For a more accurate cleaning it would help adding a tablespoonful of bicarbonate of soda, then wash taking care to close and open the tap several times so as to clear it of any sugar deposits that may have formed. Empty the container and rinse with clean water.

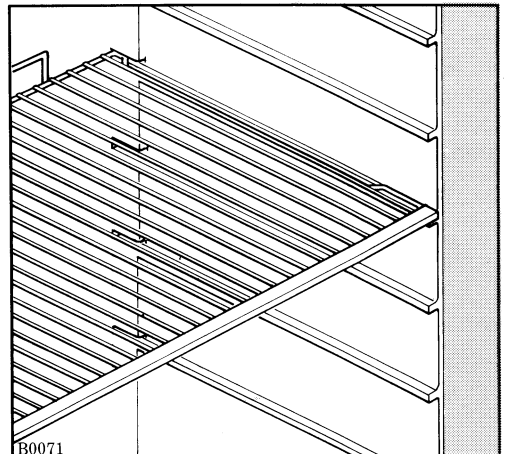


Fig. 4

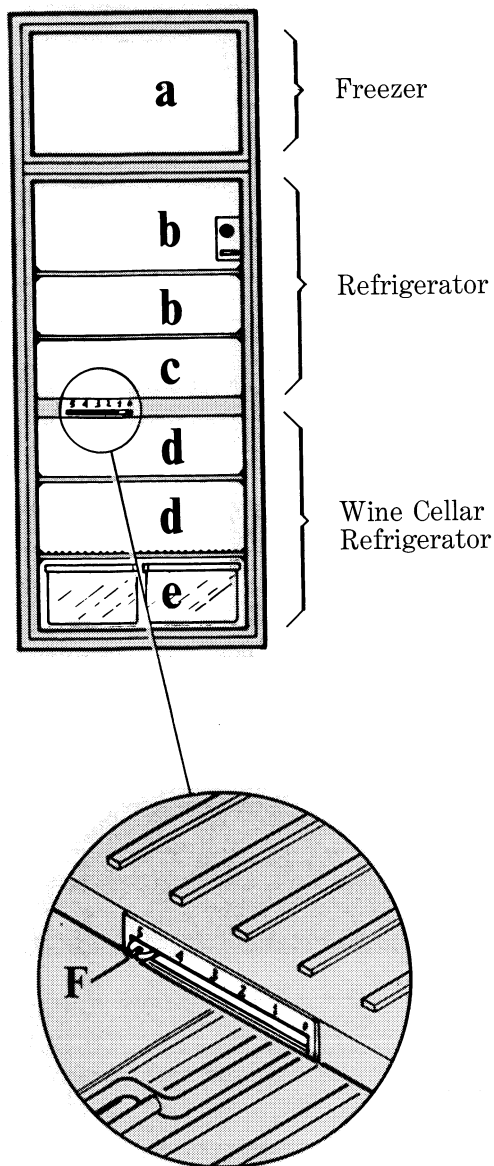


Fig. 5

Use of the « Wine Cellar » compartment (Fig. 5)

Through a simple operation this refrigerator makes it possible to obtain a «mild» temperature in compartments «e-d» in that an ideal «wine cellar» temperature is reached there. Lower compartments «e-d» are separated from the rest by a shelf. This shelf features a lever «F», which controls the cold air flow through a number of openings in the shelf itself. Slide this lever to «0» position to obtain a «wine cellar» temperature. By slipping it to position 5 this section can be used as a normal refrigerator. On positions 1 through 4 intermediate temperatures are obtained. The figure gives some indications as to the best way to store foodstuffs and drinks in the various compartments, i.e.:

Freezer

a

This is for storing frozen food and for freezing fresh food.

Refrigerator

b

This is for storing soft cheese, blue cheese, etc.

Refrigerator

c

This is for storing meat, fresh fish, milk, yoghurt (this is the coolest part of the refrigerator).

« Wine Cellar »

d

This is for storing wine, fruit, unripe tomatoes, potatoes, lemons, sausages, soft drinks, hard cheese, canned food, etc.

« Wine Cellar »

e

This is for storing fresh vegetables.

Defrosting

Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a trough (Fig. 6) into a special container (Fig. 7) on the back of the appliance where it evaporates. The freezer compartment, however, will become progressively covered with frost. This should be removed with the special plastic scraper provided, whenever the thickness of the frost exceeds $\frac{1}{4}$ ". During this operation it is not necessary to switch off the power supply or to remove the foodstuffs. However, when the ice becomes very thick on the inner liner, complete defrosting should be carried out and it is advisable to carry out this operation when the appliance is empty. To carry out complete defrosting of the freezer compartment ❄*** proceed as follows:

Remove any stored food, wrap it in several layers of newspaper and put it in a cool place. Pull out the plug from the wall socket or turn the thermostat knob to the «●» setting. Leave the door open.

To collect the defrost water place a basin on the first shelf of the refrigerator underneath the drain hole (A-Fig. 8); to loosen and extract the plug, turn it counterclockwise through about 45° ; to refit it, insert the plug into its seat and turn it in the opposite direction (clockwise).

When defrosting is completed, dry inner liner thoroughly; Empty the drain water and refit the plug into the drain outlet. Turn the thermostat knob to the required setting and after half an hour replace the food.

Important

A temperature rise of the frozen food packs, during defrosting, may shorten their safe storage life. Never use sharp metal tools to scrape off frost from the evaporator as you could damage it by so doing.

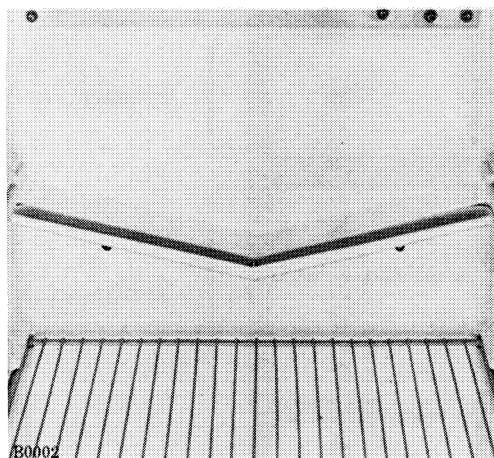


Fig. 6

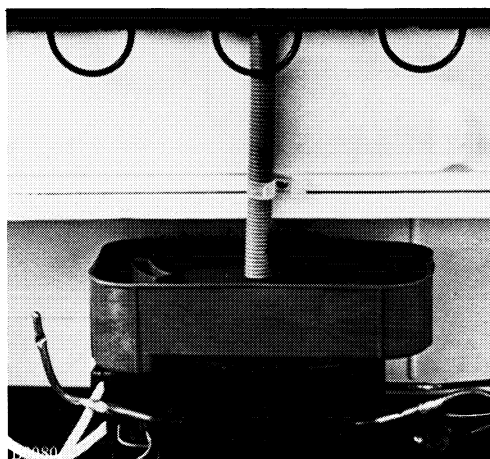


Fig. 7

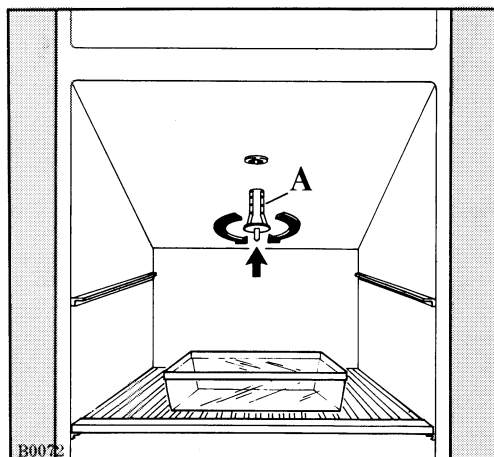


Fig. 8

Maintenance

Prior to undertaking any maintenance operation, be sure to unplug the appliance from the wall socket as a safety precaution.

Clean the interior periodically with lukewarm water and some bicarbonate of soda; the cabinet exterior with a Silicone wax spray; the condenser and the motor compressor with a brush or a vacuum cleaner.

Clean the drain hole (Fig. 6) of the defrost water through at regular intervals and make sure that this strain hole is never obstructed, so that the defrost water may flow out freely.

During periods when the appliance is not in use, take the following precautions:

unplug the appliance from the power supply;

remove all foodstuffs from the appliance;

clean the interior and all accessories;

leave the doors ajar to facilitate the circulation of air in the interior of the cabinet so as to prevent unpleasant odours from accumulating in the appliance.

Servicing

Should service be required for this appliance, contact your local Service Agent but before requesting service the following simple checks may save you inconvenience and expense:

If there are water drops on the bottom of the fridge compartment, check that the defrost water drain opening is not obstructed (Fig. 6).

Check that the plug is firmly in the wall socket;

Check that there is an electricity supply to the socket by plugging in another appliance;

Turn the thermostat knob to maximum cold position;

If your appliance is still not working properly after making the above checks, contact your Service Agent.

Replacing the interior light bulb

The light bulb can easily be reached. If the light does not come on when the door is opened, check that the light bulb is correctly screwed in; if after this it still does not light up, replace the bulb.

The production-assembled lamp is rated 10 W. If necessary, replace it with a lamp of same rating.

Door reversal directions (Fig. 9)

Before carrying out the operations described below, pull out the mains plug from the wall socket.
To carry out this reversal go through the following steps:

- a) Remove aerating grid 2 by unscrewing its front screws. Slide it downwards to release it from the central runners.
- b) Remove bottom hinge 1;
- c) Unscrew pin C from hole A and screw it into hole B;
- d) Remove door stop hinge D and refit it on the opposite side;
- e) Slide out the lower door from middle hinge;
- f) Remove middle hinge 4 and upper hinge 3 and refit them on the opposite side;
- g) Refit lower door and bottom hinge 1 on the opposite side;
- h) Turn the aerating grid upside-down and refit it;
- i) Remove handles 5-6 and refit them on the opposite side.

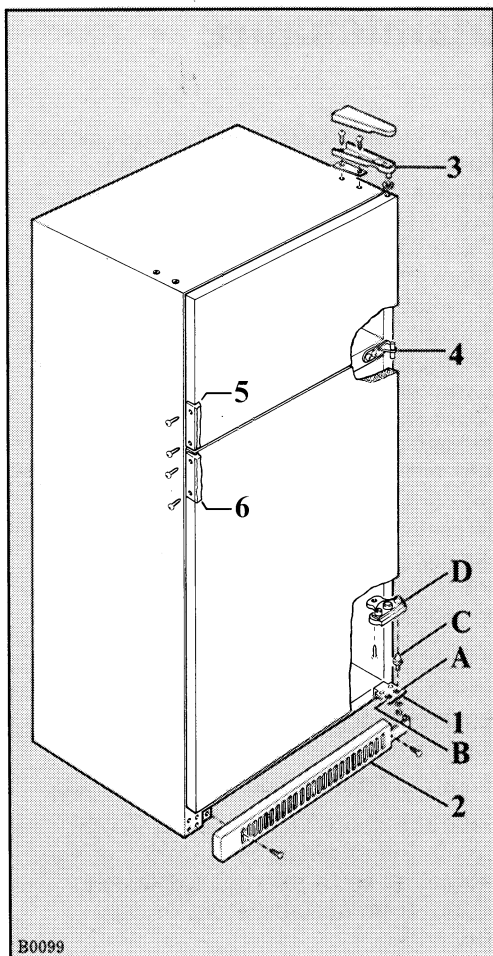


Fig. 9

